CONSERVATION PRACTICE PHYSICAL EFFECT WORKSHEET

NOTE: recorded in Microsoft word 6.0 - use tabs to change cells/fields

NOTE: recorded in Microsoft word 6.0 - use tabs to STATE ARKANSAS FIELD OFFICE	change cells/fields DATE	
	NOTES:	
PRACTICE: 449 Irrigation Water	NOTES:	
Management		
RESOURCE: SOIL	Help Message: Click on form field for choice lists. Tab key to move around. "N/A" is the default.	
RESOURCE CONCERN: EROSION	key to move around. N/A is the default.	
RESOURCE INDICATORS	PHYSICAL EFFECTS	
SHEET AND RILL	moderate reduction in sheet and rill erosion	
WIND	insignificant	
EPHEMERAL GULLY	moderate reduction in ephemeral gully erosion	
CLASSIC GULLY	moderate reduction in classic gully erosion	
STREAMBANK THOUGH THOUGHT	moderate reduction in streambank erosion	
IRRIGATION INDUCED	significant reduction in irrigation induced erosio	
SOIL MASS MOVEMENT ROADBANK/CONSTRUCTION	insignificant significant decrease in roadbank/const. erosion	
OTHER	significant decrease in roadoank/const. erosion	
RESOURCE CONCERN: SOIL CONDITION		
SOIL TILTH	slight improvement in soil tilth	
SOIL CONTAMINATION	slight reduction in soil compaction	
SOIL CONTAMINATION	significant raduation in sail calinity	
SALTS ORGANICS	significant reduction in soil salinity moderate decrease in organic contaminates	
FERTILIZERS	moderate decrease in organic contaminates moderate reduction in contaminates from fertilizer	
PESTICIDES	moderate reduction in contaminates from refunzer moderate reduction in pesticide contam./soil	
• OTHER	moderate reduction in posteriae contain./son	
DEPOSITION/DAMAGE		
• ONSITE	moderate reduction/onsite deposition damage	
OFFSITE	moderate decrease/offsite deposition damage	
DEPOSITION/SAFETY	1 5	
ONSITE	moderately improve onsite safety/deposition	
OFFSITE	moderately improve offsite safety hazard/depos.	
OTHER		
RESOURCE: WATER		
RESOURCE CONCERN: WATER QUANTITY		
SEEPS	moderate reduction in seepage hazard	
RUNOFF/FLOODING	insignificant	
EXCESS SUBSURFACE WATER	slight reduction in excess subsurface water	
INADEQUATE OUTLETS	insignificant	
WATER MGT. IRRIGATION		
• SURFACE	significant improvement in irrigation efficiency	
• SPRINKLER	significant improvement in irrigation efficiency	
WATER MGT. NON-IRRIGATED	N/A	
RESTRICTED FLOW CAPACITY (H20 convey.)		
ONSITE	moderate improvement in onsite drainage	
OFFSITE PEGTPLOTED GTODAGE	moderate improvement in offsite drainage	
RESTRICTED STORAGE	moderate reduction in sedimentation of H20 stroage	
OTHER		

RESOURCE: WATER		
RESOURCE CONCERN: WATER	RQUALITY	
RESOURCE INDICATORS	PHYSICAL EFFECTS	
GROUNDWATER CONTAMINANTS		
• PESTICIDES	slight to significant decrease	
NUTRIENTS AND ORGANICS	slight to significant decrease	
• SALINITY	slight to significant decrease	
HEAVY METALS	insignificant	
• PATHOGENS	slight decrease	
• OTHER		
SURFACE WATER CONTAMINANTS		
• PESTICIDES	slight to moderate decrease	
 NUTRIENTS AND ORGANICS 	slight to moderate decrease	
SUSPENDED SEDIMENTS	slight to significant decrease	
LOW DISSOLVED OXYGEN	slight decrease	
• SALINITY	slight decrease	
HEAVY METALS	slight to moderate decrease	
WATER TEMPERATURE	insignificant	
• PATHOGENS	insignificant	
AQUATIC HABITAT SUITABILITY	moderate to significant increase	
OTHER		
RESOURCE: AIR		
RESOURCE CONCERN: AIR QUALI	TY	
AIRBORNE SEDIMENT AND SMOKE		
PARTICLES		
ONSITE SAFETY	insignificant	
OFFSITE SAFETY	insignificant	
ONSITE STRUCT. PROBLEMS	insignificant	
OFFSITE STRUCT. PROBLEMS	insignificant	
ONSITE HEALTH	insignificant	
OFFSITE HEALTH	insignificant	
AIRBORNE SEDIMENT CAUSING	insignificant	
CONVEYANCE PROBLEMS		
AIRBORNE CHEMICAL DRIFT	insignificant	
AIRBORNE ODORS	insignificant	
FUNGI, MOLDS, AND POLLEN	slight	
OTHER		
RESOURCE CONCERN: AIR CONDITION		
AIR TEMPERATURE	insignificant	
AIR MOVEMENT (windbreak effect)	insignificant	
HUMIDITY	insignificant	
OTHER		

RESOURCE: PLANT	TV
RESOURCE CONCERN: SUITABILIT	
RESOURCE INDICATORS	PHYSICAL EFFECTS
SITE ADAPTATION	slight to moderate decrease
PLANT USE	N/A
OTHER	
RESOURCE CONCERN: CONDITION	
PRODUCTIVITY	slight to moderate decrease
HEALTH, VIGOR, SURVIVAL	slight to moderate decrease
OTHER	
RESOURCE CONCERN: MANAGEME	ENT
ESTAB., GROWTH, HARVEST	slight to moderate decrease
NUTRIENT MANAGEMENT	moderate to significant decrease
PESTS	slight decease
THREAT/ENDANGERED PLANTS	N/A
OTHER	
RESOURCE: ANIMAL	
RESOURCE CONCERN: HABITAT	
FOOD	slight to moderate decrease
COVER/SHELTER	slight to significant increase
WATER (QUANTITY & QUALITY)	slight decrease
OTHER	
RESOURCE CONCERN: MANAGEME	ENT
POPULATION BALANCE	slight to moderate decrease
THREAT/ENDANGERED ANIMALS	N/A
HEALTH	slight to moderate decrease
OTHER	
RESOURCE: HUMAN	
RESOURCE CONCERNS: ECONOMIC	C CONSIDERATIONS
PLAN / COST EFFECTIVENESS	N/A
CLIENT FINANCIAL CONDITION	N/A
MARKETS FOR PRODUCTS	N/A
AVAILABLE LABOR	N/A
AVAILABLE EQUIPMENT	N/A

RESOURCE: HUMAN		
RESOURCE CONCERN: SOCIAL CONSIDERATIONS		
RESOURCE INDICATORS	PHYSICAL EFFECTS	
PUBLIC HEALTH AND SAFETY	N/A	
PRIVATE/PUBLIC VALUES	N/A	
CLIENT CHARACTERISTICS	N/A	
RISK TOLERANCE	N/A	
TENURE	N/A	
OTHER		
RESOURCE CONCERN: CULTURAL CONSIDERATIONS		
ABSENCE/PRESENCE OF CULTURAL RESOURCES	N/A	
SIGNIFICANCE OF CULTURAL RESOURCES	N/A	
MITIGATION OF NEGATIVE CULTURAL RES. IMPACTS	N/A	
OTHER		